

**CALIFORNIA ENERGY COMMISSION**

1516 Ninth Street  
Sacramento, California 95814

Main website: [www.energy.ca.gov](http://www.energy.ca.gov)



## **Notice of Staff Workshop on Microgrid Assessment and Recommended Future RD&D Investments**

California Energy Commission staff will conduct a workshop to solicit public input to help identify research, development, and demonstration (RD&D) gaps and provide recommendations to guide future RD&D investments by the California Energy Commission in Microgrid technologies and demonstrations. The workshop will be held:

Friday, March 6, 2015  
Beginning at 10:00 a.m.  
CALIFORNIA ENERGY COMMISSION  
1516 Ninth Street  
Art Rosenfeld Hearing Room (Hearing Room A)  
Sacramento, California  
Wheelchair Accessible

Remote Access Available by Computer or Phone via WebEx™  
(Instructions below)

### **Background**

Microgrids offer resiliency over a geographic area during grid outage events, provide cost saving opportunities, and can deliver additional social benefits such as a reduced carbon footprint, and higher penetration levels of renewable resources than would otherwise be possible. Distributed energy resources (DER) are now available at lower cost. However, there are still issues that need to be addressed concerning: interconnection technology, communication and control technology, and regulatory constructs.

The operation of DER and coordination of loads with the California Independent System Operator (CAISO) is becoming more complex. Therefore, it is critical to identify and develop research that will address the technical, economic, regulatory, and market issues for renewables-based microgrids to provide lower carbon and lower-cost energy, improved grid stability, increased reliability, and adaptation of the grid for climate change impacts.

This staff workshop aims to identify RD&D investments that address technical, economic, market and commercialization issues to better enable stable microgrids that can potentially provide better and more reliable services to energy customers; while, at the

same time, improve the stability of the larger grid. Staff seeks comments on performance metrics and standardization of microgrid configurations that will accelerate microgrid deployment and help customers realize the many potential benefits from microgrids.

## **Public Comment**

**Oral comments.** Staff will accept oral comments during the workshop. Comments may be limited to 5 minutes per speaker. Any comments may become part of the public record in this proceeding.

**Written comments:** Written comments will be accepted at the workshop. Additionally, written comments can be submitted via e-mail to David Chambers by 5:00 p.m. on March 16, 2015. Please note that written and oral comments, attachments, and associated contact information (e.g., address, phone, email) become part of the viewable public record. This information may become available via Google, Yahoo, and any other search engines.

The Energy Commission encourages comments by e-mail. Please include your name and any organization name. Comments should be in a downloadable, searchable format such as Microsoft® Word (.doc) or Adobe® Acrobat® (.pdf). Please indicate “Microgrid Assessment and Recommended Future RD&D Investments” in the subject line. Send comments to: [david.chambers@energy.ca.gov](mailto:david.chambers@energy.ca.gov)

## **Public Adviser and Other Commission Contacts**

The Energy Commission’s Public Adviser’s Office provides the public assistance in participating in Energy Commission proceedings. If you want information on how to participate in this forum, please contact the Public Adviser, Alana Mathews, at [PublicAdviser@energy.ca.gov](mailto:PublicAdviser@energy.ca.gov) or (916) 654-4489 (toll free at (800) 822-6228).

If you have a disability and require assistance to participate, please contact Lou Quiroz at [lquiroz@energy.ca.gov](mailto:lquiroz@energy.ca.gov) or (916) 654-5146 at least five days in advance.

Media inquiries should be sent to the Media and Public Communications Office at [mediaoffice@energy.ca.gov](mailto:mediaoffice@energy.ca.gov) or (916) 654-4989.

If you have questions on the subject matter of this meeting, please contact David Chambers, [David.Chambers@energy.ca.gov](mailto:David.Chambers@energy.ca.gov) or (916) 327-2356.

## **Remote Attendance**

You may participate in this meeting through WebEx, the Energy Commission's online meeting service. Presentations will appear on your computer screen, and you may listen to audio via your computer or telephone. Please be aware that the meeting may be recorded.

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VIA COMPUTER: Go to <https://energy.webex.com> and enter the unique meeting number: 929 182 542. When prompted, enter your name and the following meeting password: **Meeting@10**

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2. International Attendees: Click on the "Global call-in number" link.
3. To have WebEx call you: Enter your phone number and click "Call Me."
4. To listen over the computer: If you have a broadband connection, and a headset or a computer microphone and speakers, you may use VoIP (Internet audio) by going to the Audio menu, clicking on “Use Computer Headset,” then “Call Using Computer.”

VIA TELEPHONE ONLY (no visual presentation): Call 1-866-469-3239 (toll-free in the U.S. and Canada). When prompted, enter the unique meeting number: 929 182 542. International callers may select their number from <https://energy.webex.com/energy/globalcallin.php>

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If you have difficulty joining the meeting, please call the WebEx Technical Support number at 1-866-229-3239.

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Laurie ten Hope  
Deputy Director

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